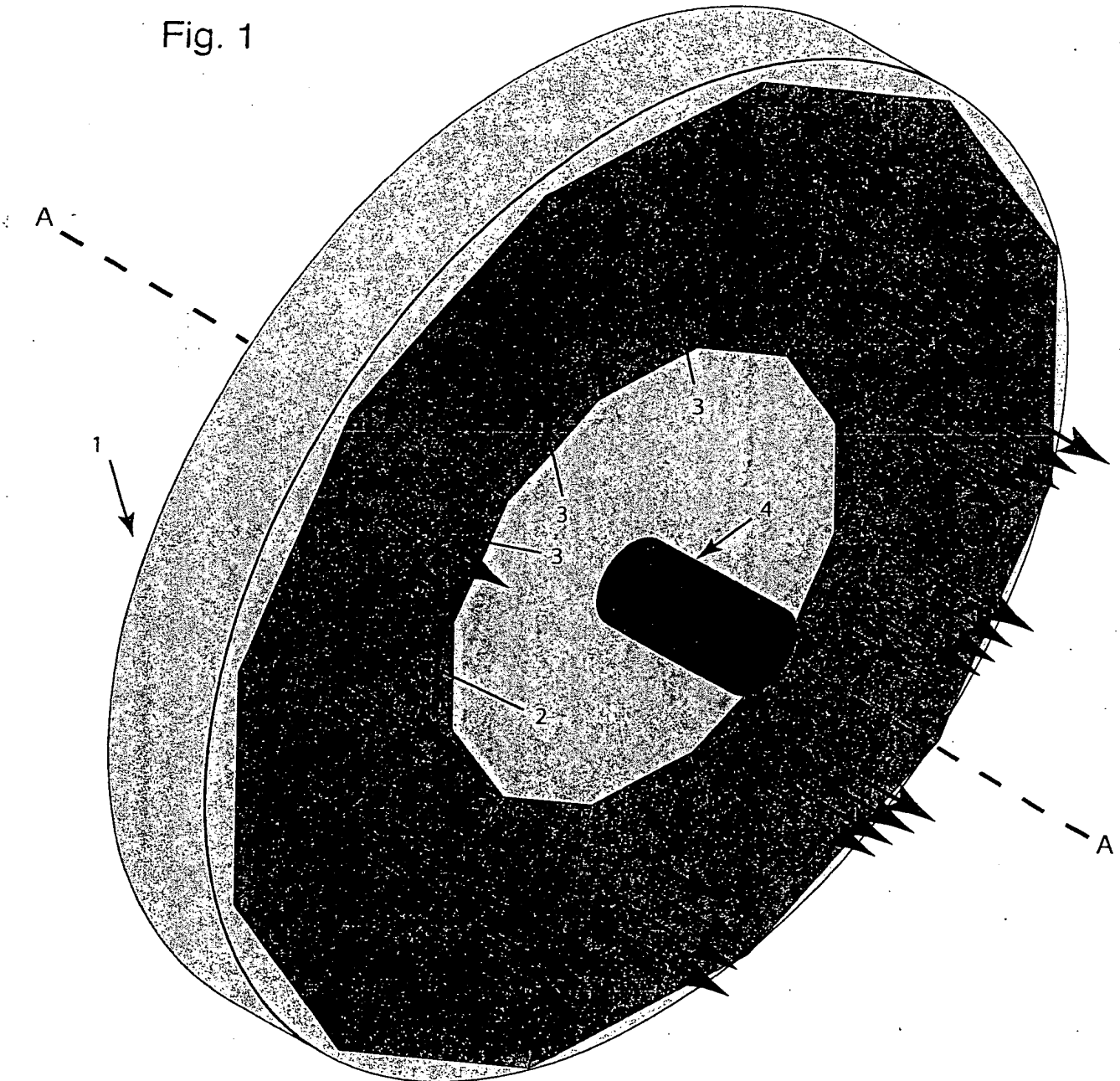




1/18

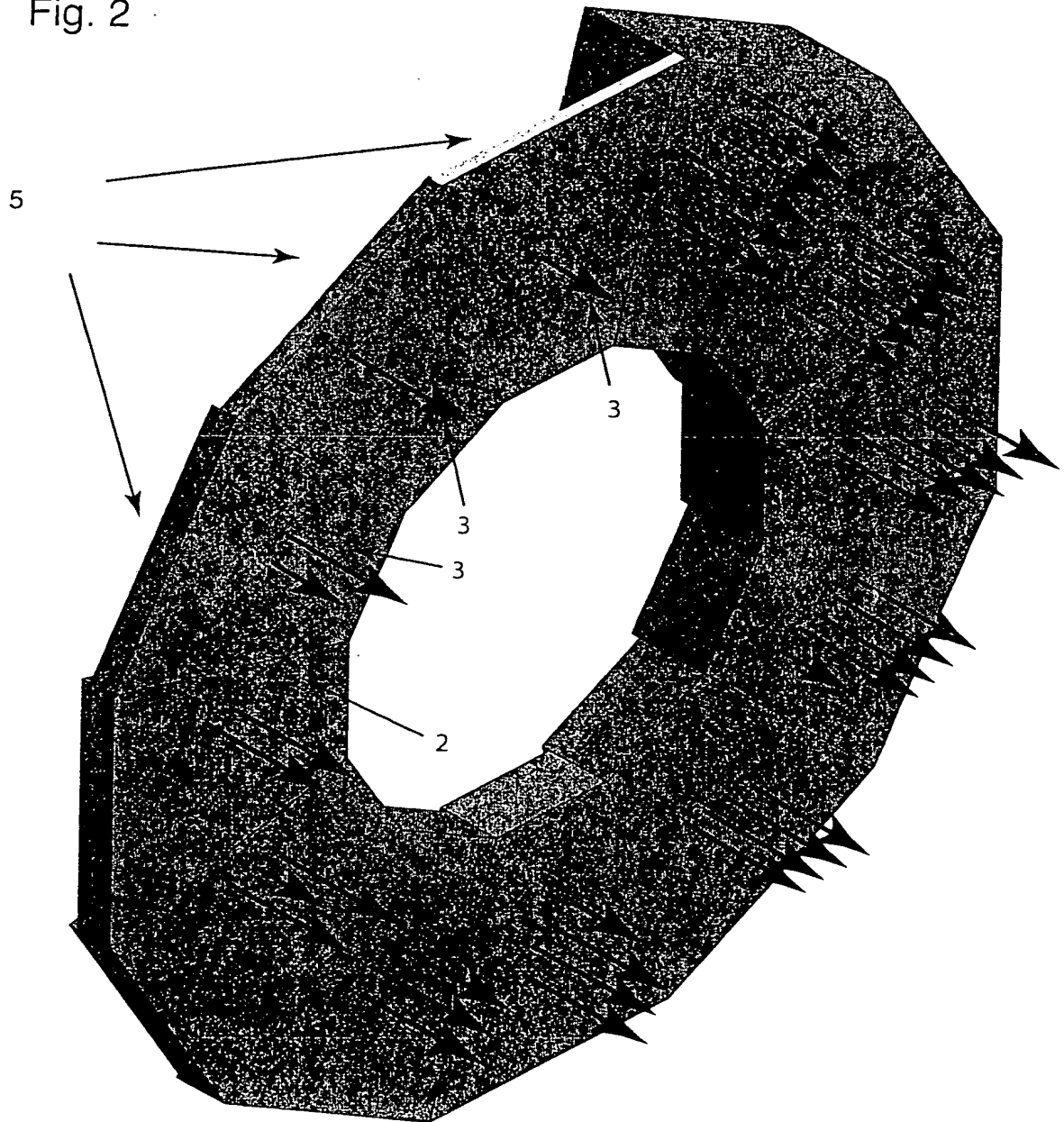
Fig. 1



BEST AVAILABLE COPY

2/18

Fig. 2



BEST AVAILABLE COPY

4/18

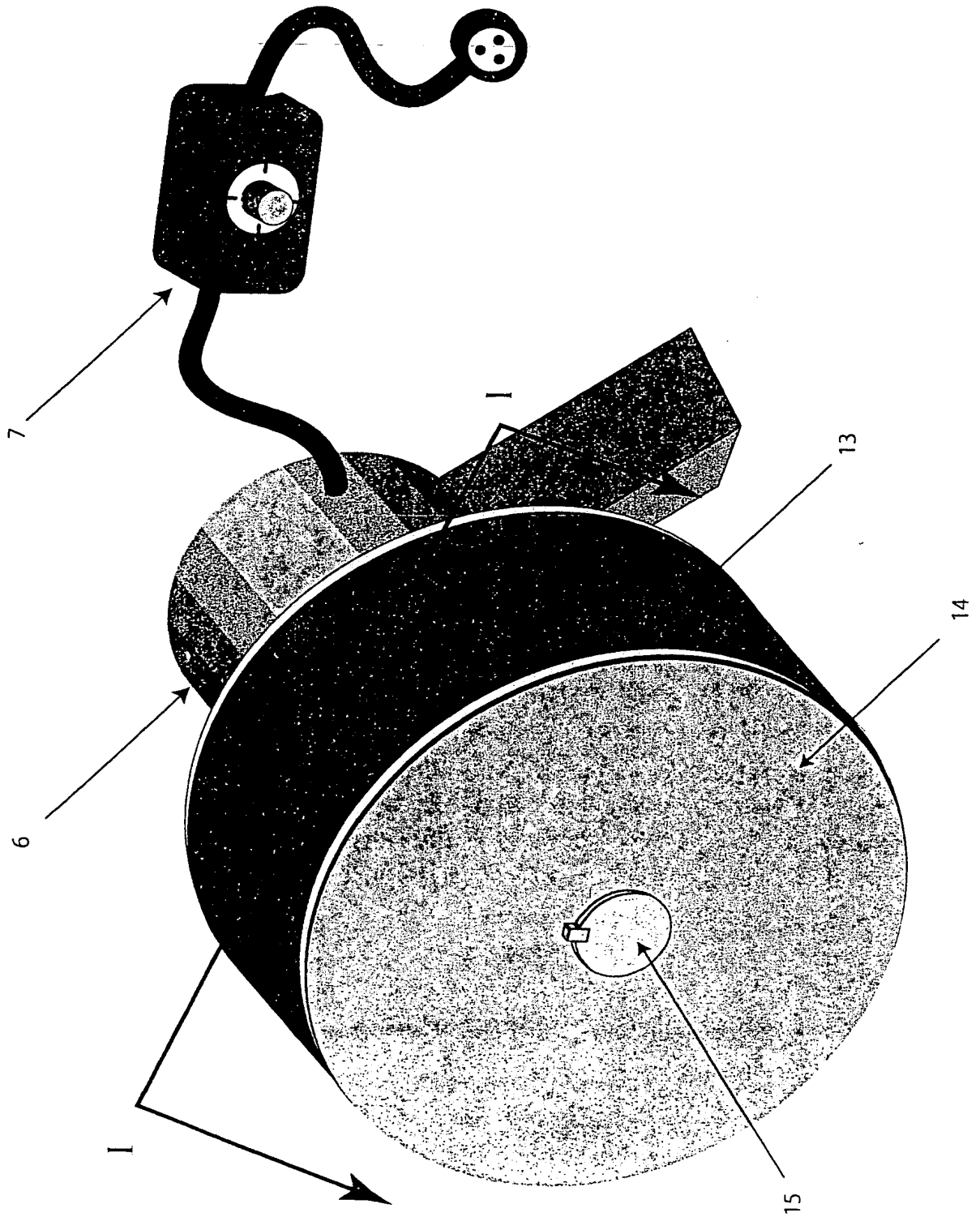


Fig. 4

BEST AVAILABLE COPY

9/18

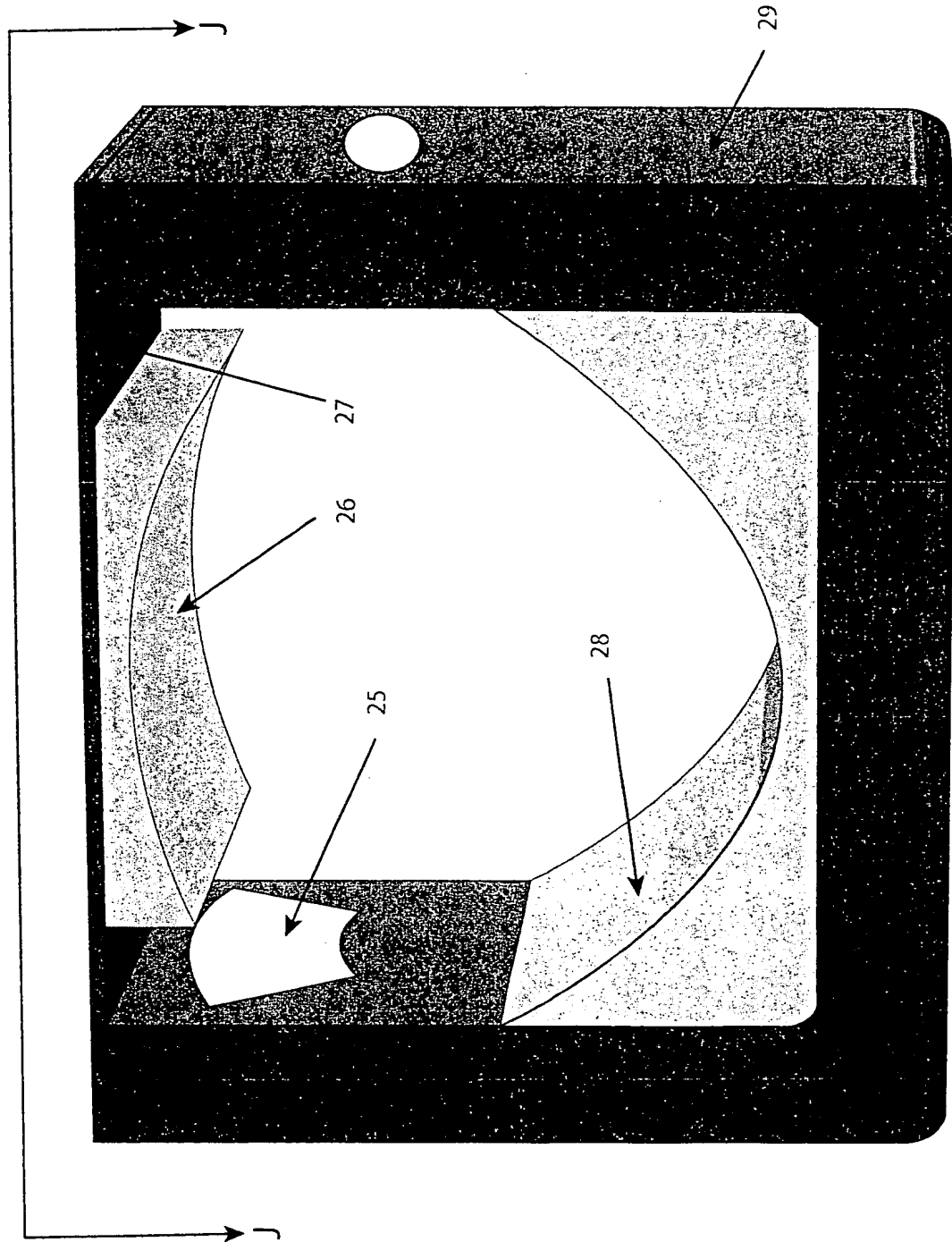
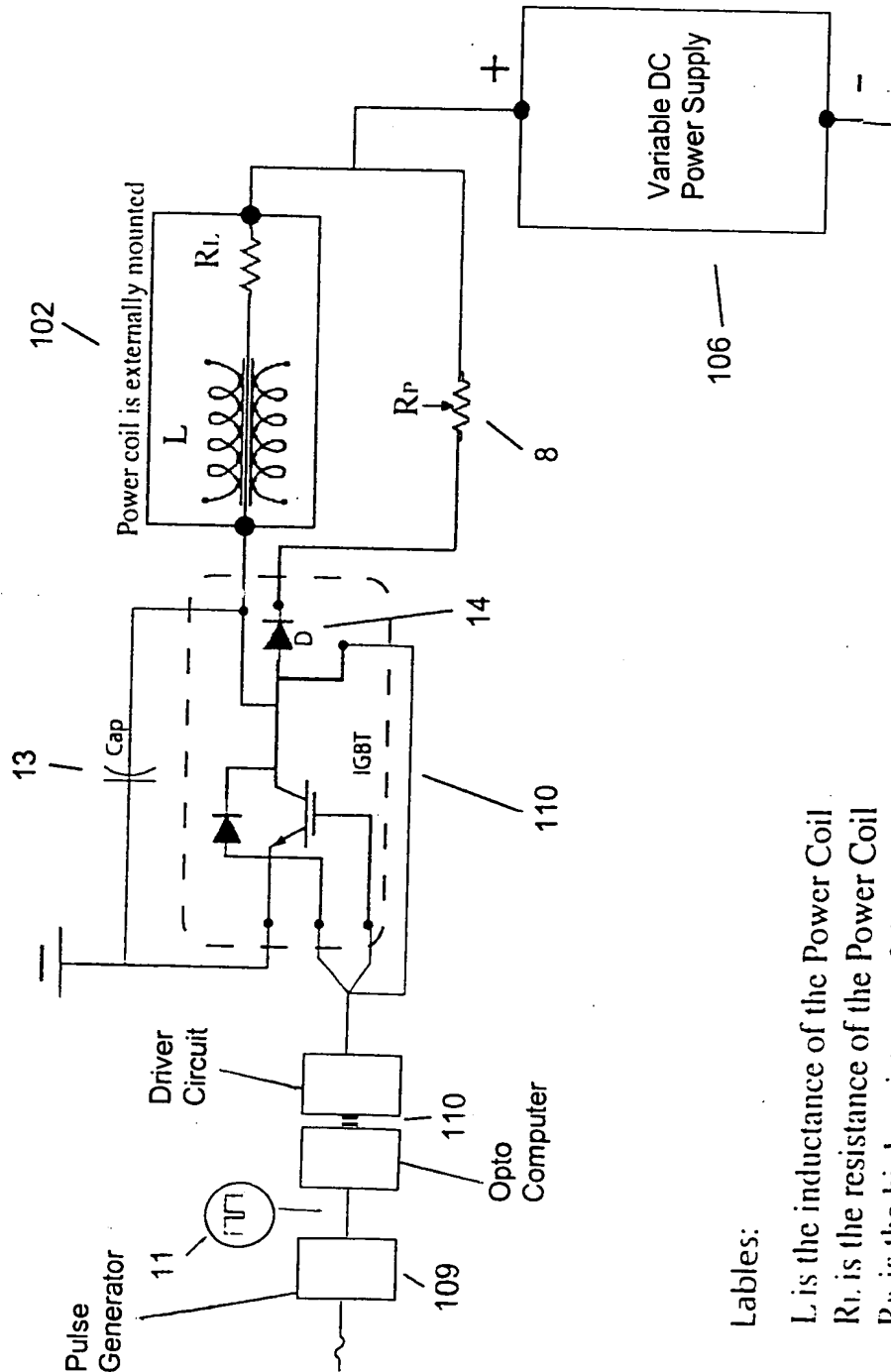


Fig. 9

BEST AVAILABLE COPY

12/18

FIG. 12



Labels:

- L is the inductance of the Power Coil
- R_L is the resistance of the Power Coil
- R_P is the high resistance of the decay circuit
- D is the blocking diode preventing reverse current flow
- IGBT is a high speed gate that opens and closes the circuit

13/18

FIG. 13A

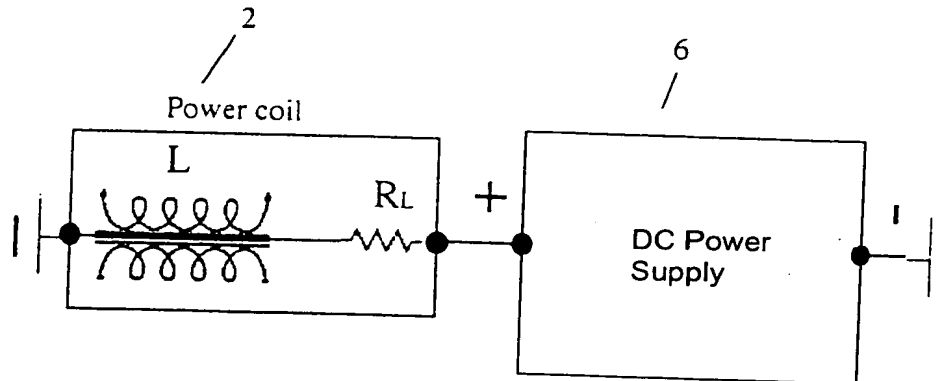


FIG. 13B

